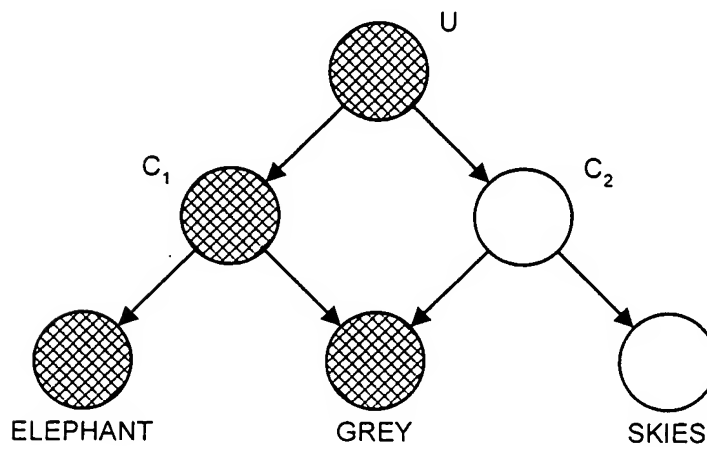
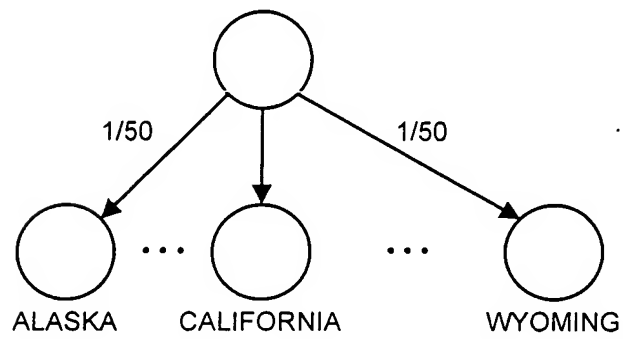


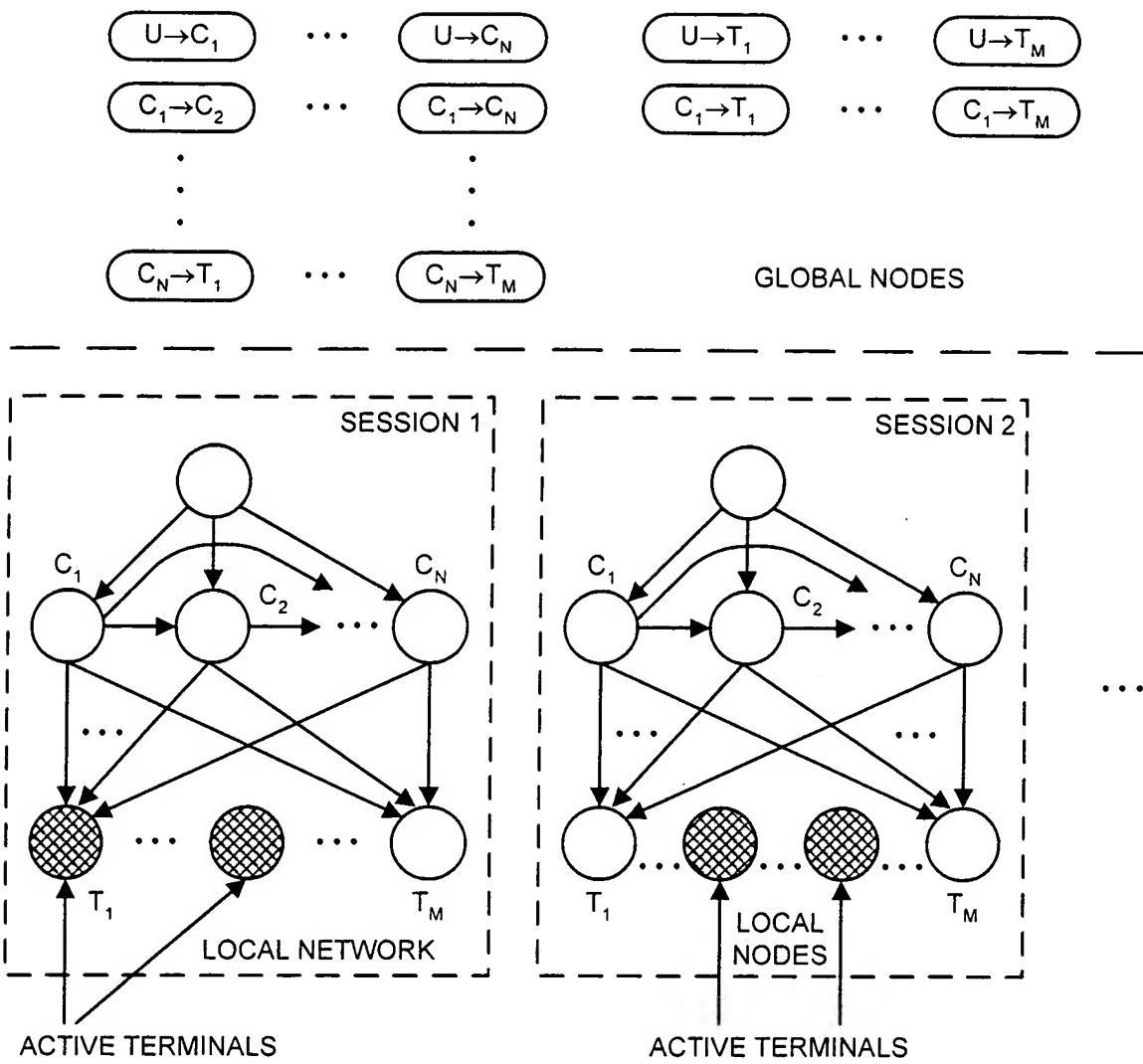
**FIG. 1**



**FIG. 2**



**FIG. 3**



**FIG. 4**

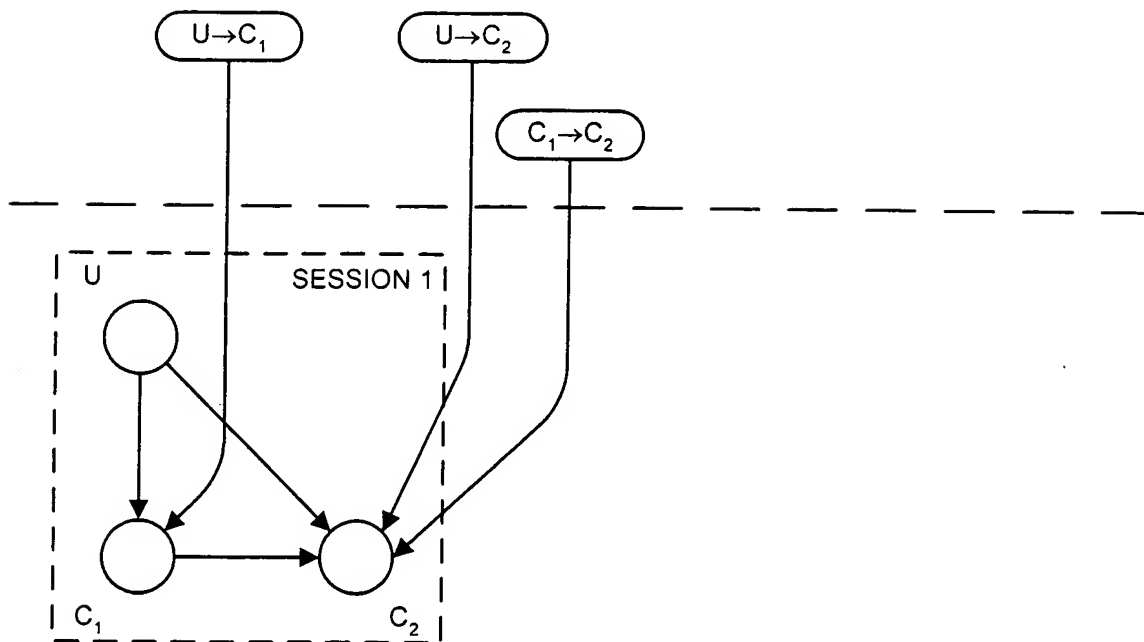


FIG. 5

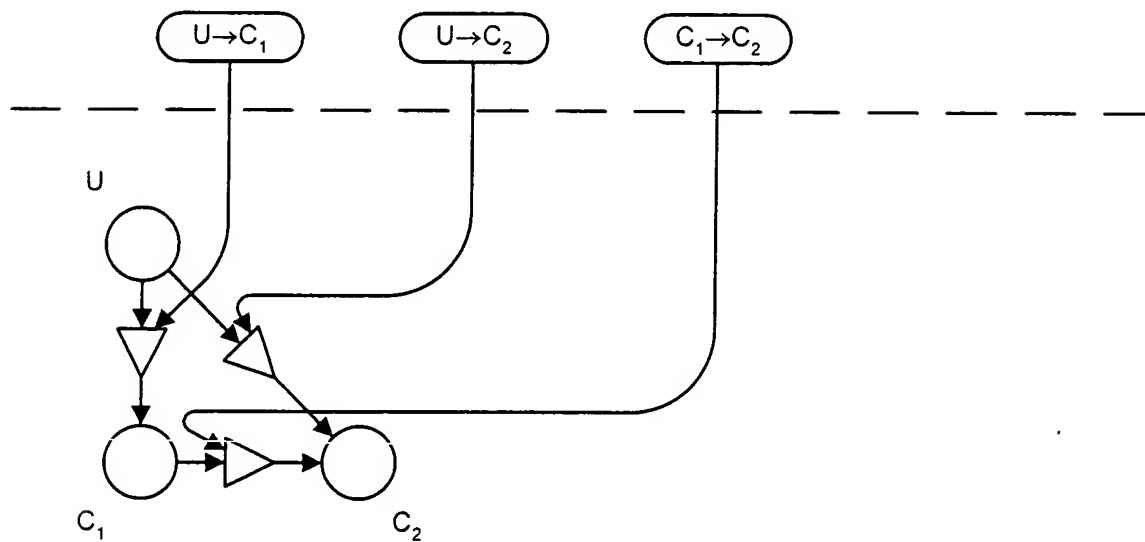
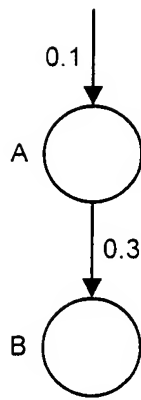
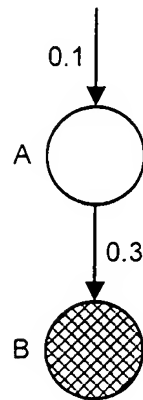


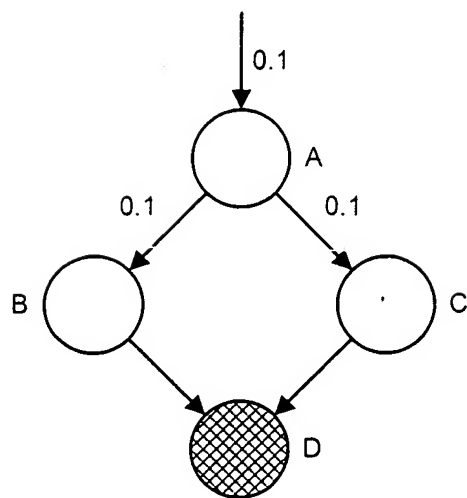
FIG. 6



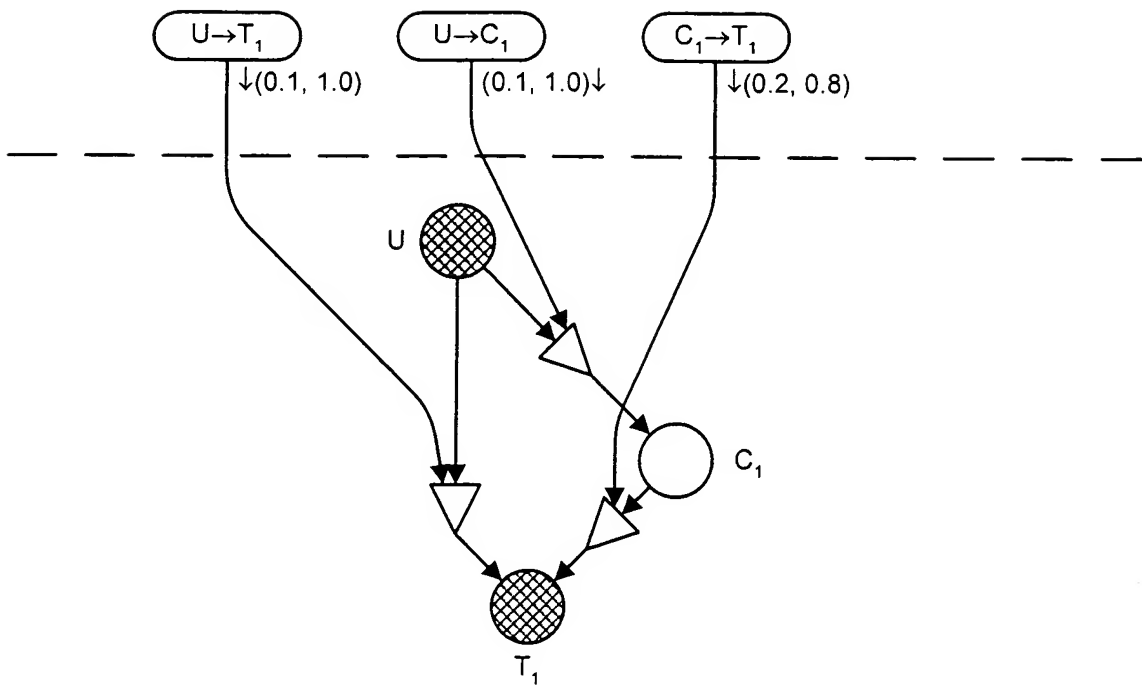
**FIG. 7A**



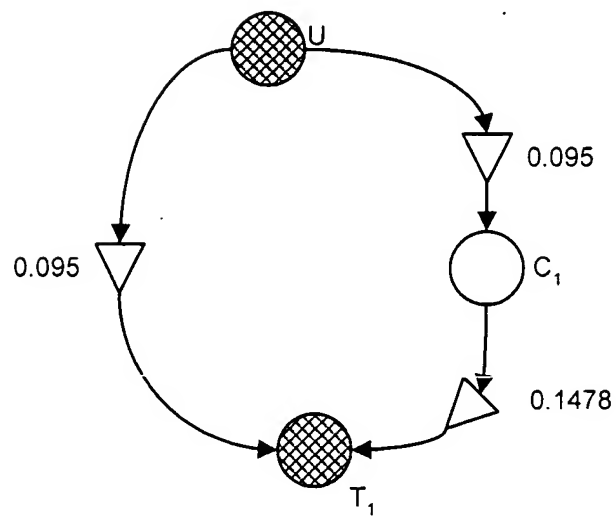
**FIG. 7B**



**FIG. 8**



**FIG. 9**



**FIG. 10**

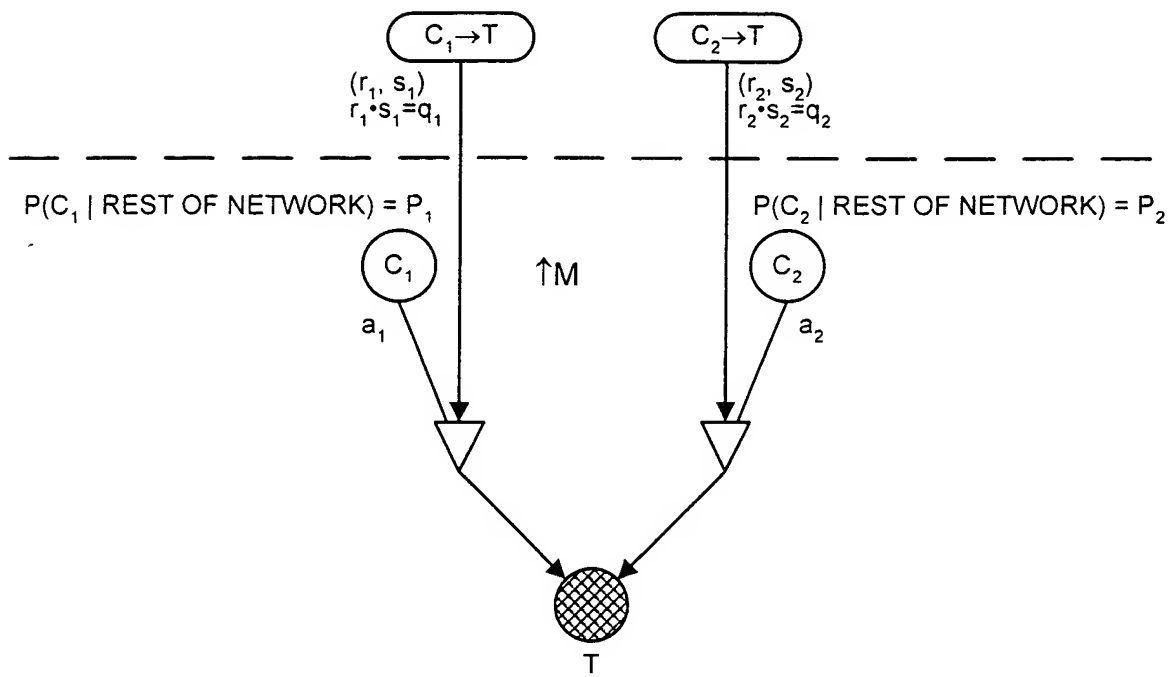


FIG. 11

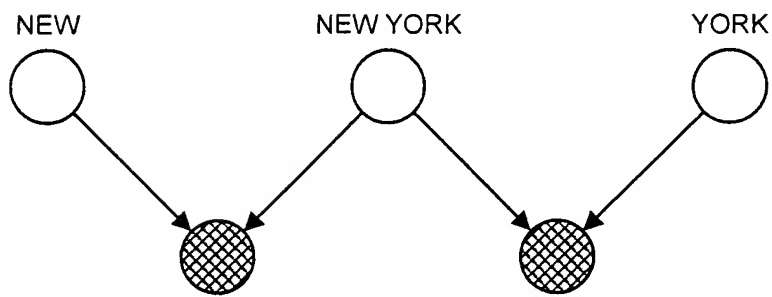
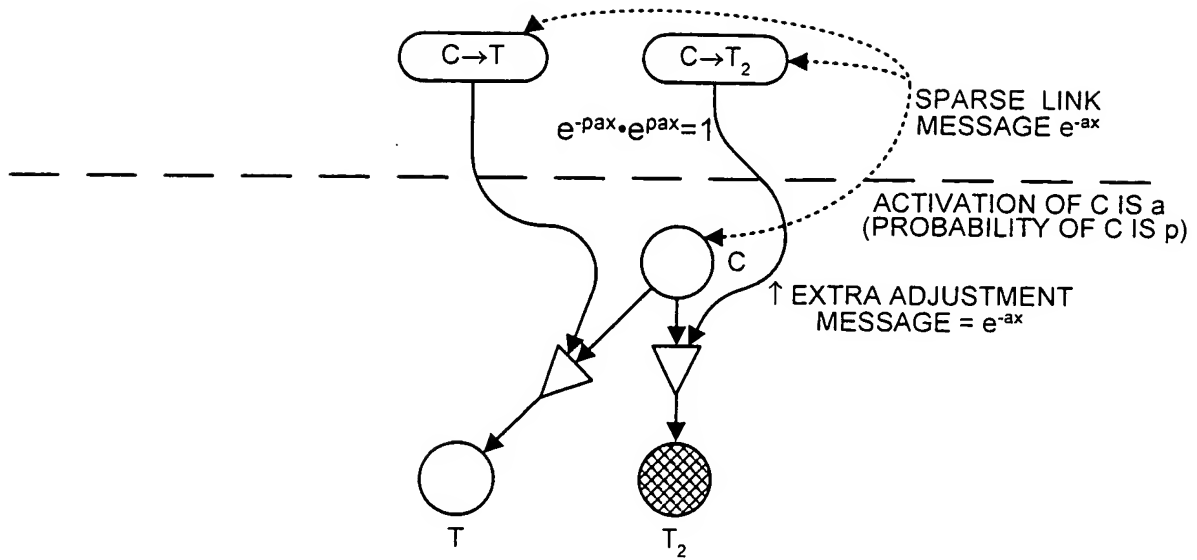
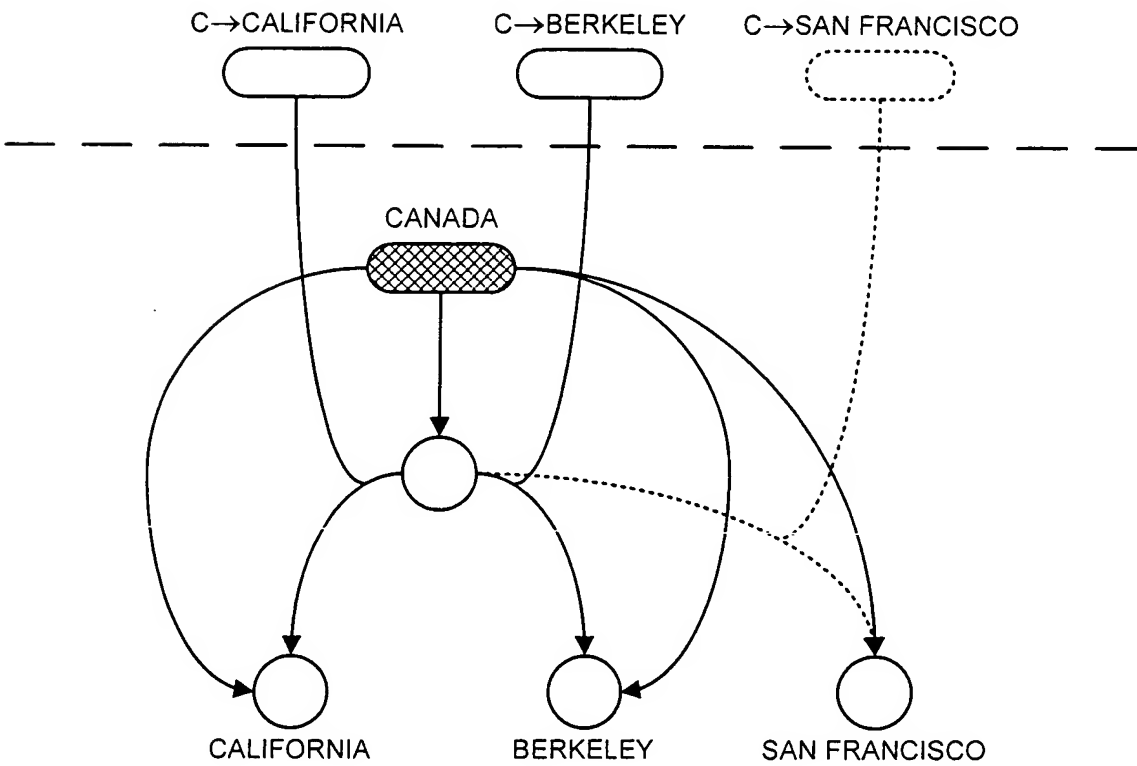


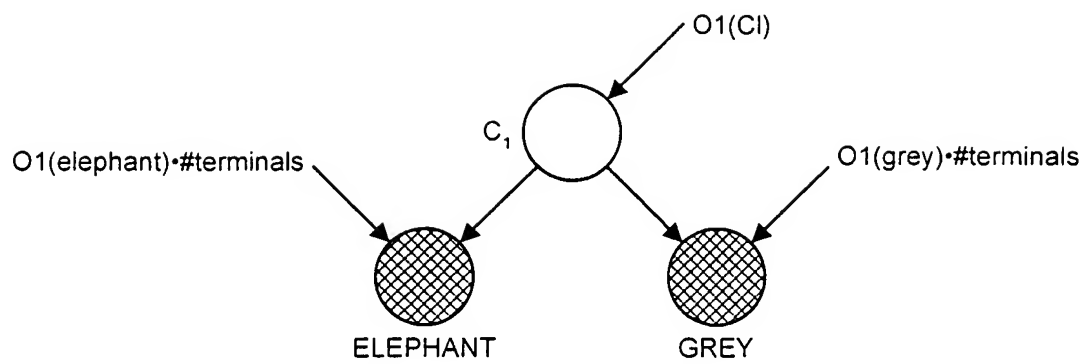
FIG. 12



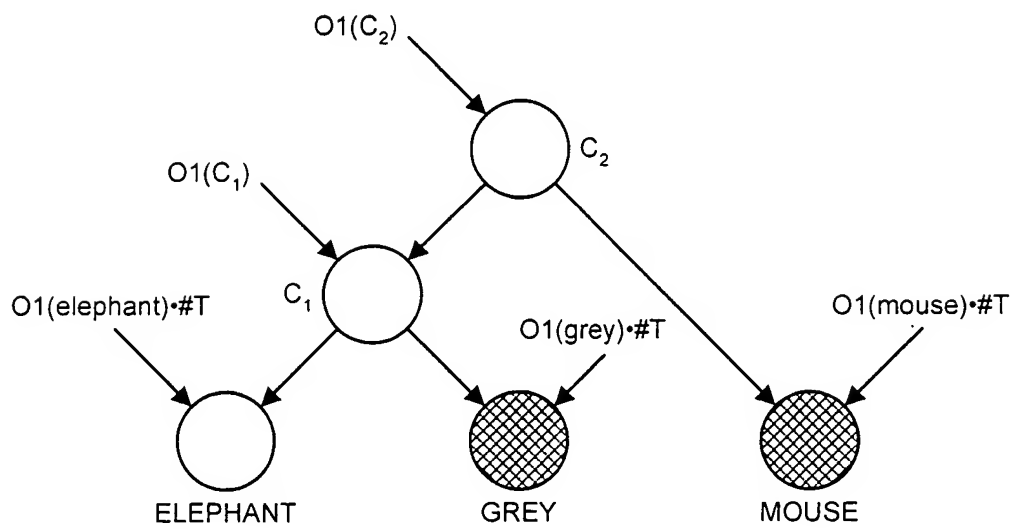
**FIG. 13**



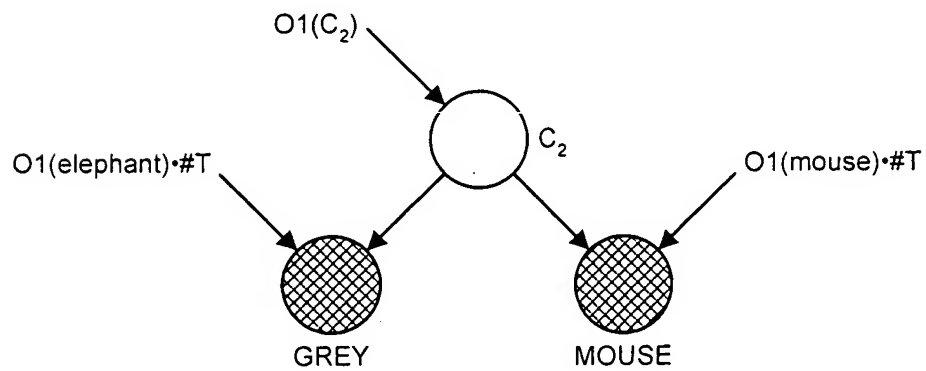
**FIG. 14**



**FIG. 15.1**



**FIG. 15.2A**



**FIG. 15.2B**



Current (60) Last 0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46  
47 48 49 50 51 52 53 54 55 56 57 58 59 random

Phil Search

## Model of 1378939 clusters

595417600 CANADA  
36464964 [ john david mark paul michael scott ]  
29024010 [ free sex porn pics movies xxx ]  
21810398 [ uk england london in-the-uk ltd friends-reunited ]  
17580210 [ pictures of picture photos pics images ]  
15994938 [ lyrics song lyric songs by midi ]  
13239308 [ download exe windows-media-player microsoft winzip zip ]  
10754172 [ and education social research studies theory ]  
10019350 [ a the is to that you ]  
9922017 [ nude naked pics pictures photos pamela-anderson ]  
9749012 [ parts car cars auto performance automobile ]  
7980547 [ jennifer lisa amy michelle sarah jessica ]  
7880218 [ linux howto rpm mandrake freebsd redhat ]  
7734638 [ john william james thomas george charles ]  
7286616 [ windows-2000 server setup win2k network problem ]  
6892531 [ the in of from history life ]  
6588060 [ treatments side-effects medicine mayo-clinic medication hypertension ]  
6408187 [ jobs job employment in job-search careers ]  
5935054 [ business management marketing strategy services technology ]  
5827852 [ university college harvard cornell stanford at ]  
5250601 [ state california texas government florida new-york ]  
4999860 [ crack serial warez download cracks keygen ]  
4788106 [ history of the origin origins timeline ]  
4768048 [ map of maps world road usa ]  
4738298 [ lyrics discography band music official tour ]  
4479820 [ australia sydney australian melbourne brisbane nsw ]  
4475140 [ software free download freeware program shareware ]  
4377300 [ real-estate realestate homes realty realtor home ]  
4240840 [ university of michigan minnesota arizona chicago ]  
4224342 [ javascript asp vbscript function example php ]  
3908765 [ of in for the a what-is ]  
3890368 [ de la en el y del ]

⋮

FIG. 16

Phil: /cl?CID=4737501&iteration=60

Current (60) Last 0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46  
47 48 49 50 51 52 53 54 55 56 57 58 59 random

Phil Search

PARENTS

6577887 CANADA (0.011109, inf)

CHILDREN

... 8020 children omitted ...

31907 [ internships internship summer interns paid intern ] (0.00499159, inf)  
31907 [ layoffs layoff 2001 lay-off job-cuts news ] (0.00499159, inf)  
31907 [ developer software programmer developers development engineer ] (0.00499159, inf)  
31907 [ network administrator engineer it support administration ] (0.00499159, inf)  
35253 [ pharmaceutical companies pharmaceuticals pharma sales company ] (0.00551656, inf)  
35253 [ orange-county california in southern-california ca irvine ] (0.00551656, inf)  
35253 [ writing writers writer fiction writer's freelance ] (0.00551656, inf)  
35253 [ volunteer international work abroad overseas volunteering ] (0.00551656, inf)  
35253 [ sales rep representative reps representatives pharmaceutical ] (0.00551656, inf)  
38950 [ manager director of job-description duties role ] (0.00609675, inf)  
38950 [ for students student graduates teachers jobs ] (0.00609675, inf)  
38950 [ in working work abroad living jobs ] (0.00609675, inf)  
38950 [ jobs germany in it europe companies ] (0.00609675, inf)  
38950 [ recruiters headhunters recruiter headhunter executive head-hunters ] (0.00609675, inf)  
43032 [ business-a starting-a start small-business how-to-start-a ] (0.00673795, inf)  
43032 [ advertising agency marketing group communications ad ] (0.00673795, inf)  
43032 [ construction building contractors industry company projects ] (0.00673795, inf)  
52521 [ association of american associations national society ] (0.00822975, inf)  
52521 [ alberta calgary edmonton canada red-deer city-of ] (0.00822975, inf)  
52521 [ executive-search executive recruiters recruiting recruiter search ] (0.00822975, inf)  
52521 [ agencies employment agency recruitment temporary employment ] (0.00822975, inf)  
58019 [ resume resumes sample cover-letter writing samples ] (0.00909528, inf)  
58019 [ pilot aviation pilots training flight flying ] (0.00909528, inf)  
64091 [ atlanta georgia ga marietta maria alpharetta ] (0.0100518, inf)  
64091 [ australia in australian australia new-zealand ] (0.0100518, inf)  
64091 [ companies top company largest top-10 top-100 ] (0.0100518, inf)  
64091 [ temporary temp employment agency staffing services ] (0.0100518, inf)  
70794 [ in new-york new-york-city nyc ny new-jersey ] (0.011109, inf)  
70794 [ companies in company companys based business ] (0.011109, inf)  
78194 [ design graphic web graphics designs studio ] (0.0122773, inf)  
95377 [ jobs programmer job programming contract it ] (0.0149956, inf)  
105325 [ engineering mechanical engineer engineers aerospace design ] (0.0165727, inf)  
105325 [ career careers job carrer information advice ] (0.0165727, inf)  
105325 [ jobs government canada federal government canadian ] (0.0165727, inf)  
116301 [ how-to-become-a becoming-a for a career to-become-a ] (0.0183156, inf)  
128409 [ employment opportunities employment job-opportunities employment human-resources ] (0.0202419, inf)  
172725 [ recruitment uk jobs london agency it ] (0.0273237, inf)  
190617 [ salary salaries average salary-survey wages pay ] (0.0301974, inf)  
210332 [ programs degree program education online masters ] (0.0333733, inf)  
378070 [ in jobs for india it bangalore ] (0.0608101, inf)

ID 4737501

Total Firing: 6408187.000000

Total Activation: 11139140.000000

Outlink Sum: 0.848506

Activated Outlink Sum: 0.521899

1841287 [ jobs (0.165299, inf) ] lm  
410846 [ job (0.0368832, inf) ] lm  
275398 [ employment (0.0247235, inf) ] lm  
554585 [ in (0.0497871, inf) ] lm  
167037 [ job-search (0.0149956, inf) ] lm  
123744 [ careers (0.011109, inf) ] lm  
75054 [ it (0.00673795, inf) ] lm  
55602 [ career (0.00499159, inf) ] lm  
33724 [ job-opportunities (0.00302755, inf) ] lm  
33724 [ human-resources (0.00302755, inf) ] lm  
24983 [ job-listings (0.00224287, inf) ] lm  
22606 [ job-openings (0.00202943, inf) ] lm  
24983 [ part-time (0.00224287, inf) ] lm

FIG. 17

Phil: /terminal?TERMINALID=66&iteration=60

Current (60) Last 0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46  
47 48 49 50 51 52 53 54 55 56 57 58 59 random

Phil Search

TERMINAL: jobs  
Firing: 3049398.000000

1841287 [ jobs job employment in job-search careers ] (0.165299, inf)  
193885 [ jobs uk in vacancies job in-the-uk ] (0.165299, inf)  
114955 [ jobs government canada federal government canadian ] (0.496585, inf)  
101975 CANADA (3.04325e-05, inf)  
71384 [ in jobs for india it bangalore ] (0.0608101, inf)  
56521 [ recruitment uk jobs london agency it ] (0.0301974, inf)  
54619 [ india in indian bangalore mumbai companies ] (0.0100518, inf)  
35967 [ teaching jobs teacher in education positions ] (0.165299, inf)  
32069 [ jobs summer cool library alaska fun ] (0.67032, inf)  
29948 [ jobs employment summer student ontario government ] (0.182684, inf)  
25768 [ jobs programmer job programming contract it ] (0.082085, inf)  
22452 [ work-at-home work-from-home at-home home jobs from-home ] (0.0608101, inf)  
19363 [ jobs germany in it europe companies ] (0.110803, inf)  
18524 [ international jobs development overseas asia africa ] (0.40657, inf)  
16560 [ freelance writing jobs writers writer journalism ] (0.149569, inf)  
16080 [ government federal us jobs government opm ] (0.0368832, inf)  
15667 [ state of jobs dept michigan ohio ] (0.011109, inf)  
15364 [ english teaching in teach japan jobs ] (0.0301974, inf)  
14444 [ jobs television media production broadcast broadcasting ] (0.548812, inf)  
14107 [ jobs colorado new-mexico colorado-springs state mental-health ] (0.67032, inf)  
13111 [ jobs summer work part-time student temporary ] (0.201897, inf)  
12860 [ ireland dublin irish in cork galway ] (0.00609675, inf)  
9639 [ houston jobs employment houston-chronicle epidemiology houstonjobs ] (0.5, inf)  
9177 [ hawaii jobs hawaii tech federal kaiser-permanente ] (0.67032, inf)

⋮

FIG. 18

Phil: /terminal?TERMINALID=3&iteration=60

Current (60) Last 0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46  
47 48 49 50 51 52 53 54 55 56 57 58 59 random

Phil Search

TERMINAL: in  
Firing: 22880440.000000

5567652 CANADA (0.00166156, inf)  
1822563 [ the in of from history life ] (0.135335, inf)  
1191284 [ in a using how-to with to ] (0.149569, inf)  
838956 [ of in for the a what-is ] (0.082085, inf)  
712471 [ hotels in cheap near hostels london ] (0.301194, inf)  
554585 [ jobs job employment in job-search careers ] (0.0497871, inf)  
550830 [ in universities education colleges courses usa ] (0.122456, inf)  
446031 [ india in indian bangalore mumbai companies ] (0.082085, inf)  
438108 [ in girls thongs bikinis women teens ] (0.332871, inf)  
350253 [ in new-york new-york-city nyc ny new-jersey ] (0.301194, inf)  
304518 [ stores store in retail shops online ] (0.100259, inf)  
279085 [ in of companies usa directory list ] (0.135335, inf)  
264904 [ the of in and role women ] (0.110803, inf)  
241372 [ in shops uk london shop england ] (0.165299, inf)  
239862 [ embassy in us american british usa ] (0.082085, inf)  
210098 [ canada canadian in ontario toronto quebec ] (0.135335, inf)  
207795 [ for-sale property houses in estate-agents properties ] (0.100259, inf)  
200767 [ apartments apartment in rentals for-rent rent ] (0.0672055, inf)  
199096 [ australia in australia sydney australia new-zealand ] (0.182684, inf)  
194042 [ in jobs for india it bangalore ] (0.165299, inf)  
172192 [ in africa south-africa aids african poverty ] (0.246597, inf)  
167666 [ in the where-is is what what-is ] (0.110803, inf)  
166474 [ for-sale homes in houses land condos ] (0.149569, inf)  
155791 [ education in schools school children elementary ] (0.135335, inf)  
130449 [ in the shower on a bed ] (0.201897, inf)  
125241 [ restaurants in restaurants restaurants dining best ] (0.110803, inf)  
124782 [ in c++ string function strings ] (0.100259, inf)  
120925 [ food culture in people foods traditional ] (0.0608101, inf)  
119587 [ india in of indian on india's ] (0.100259, inf)  
118897 [ code in program for c++ ] (0.082085, inf)  
113873 [ in new-england massachusetts new-hampshire connecticut maine ] (0.165299, inf)  
109394 [ club clubs in bar bars nightclub ] (0.0497871, inf)  
103115 [ statistics in population united-states vs percentage ] (0.0608101, inf)  
96280 [ jobs uk in vacancies job in-the-uk ] (0.082085, inf)  
93810 [ accommodation accomodation in bed-and-breakfast b&b accomodation ] (0.0742736, inf)  
85136 [ laws law in for on legal ] (0.0742736, inf)  
83956 [ in pain and on back with ] (0.090718, inf)  
83808 [ in things-to-do-in activities attractions things-to-do fun ] (0.301194, inf)  
81116 [ in events london 2001 2002 may ] (0.100259, inf)  
80008 [ in places places-to-visit visit places-to-go sites ] (0.22313, inf)  
79652 [ underwear men in briefs sppedos boys ] (0.110803, inf)

⋮

FIG. 19

Phil: /search?iteration=60&q=palo+alto+restaurants&btnG=Phil+Search

Current (60) Last 0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46  
47 48 49 50 51 52 53 54 55 56 57 58 59 random

palo alto restaurants

Phil Search

QUERY: palo alto restaurants

palo-alto 15.262480/12747397/9.978931 [CANADA]

restaurants 14.108328/3.750645/8.187777 [CANADA]

network description: -19.019948

Session graph: 8 nodes; 16 edges; 4 segment: 0.000080 secs setup: 0.001456 secs

0.746516 0.746516 0.593943 [restaurants in resturants restwarants dining best ]

0.682912 0.682912 0.390506 [san-jose ca sunnyvale santa-clara bay-area mountain-view ]

0.374688 0.374688 0.203739 [palo-alto menlo-park restaurant evvia palo straights-cafe ]

0.253490 0.253490 0.067851 [restaurant san-francisco restaurants bacar gary-danko boulevard ]

1.000000 2.000000 0.065285 CANADA

0.031717 0.031717 0.001060 [california ca bay-area san-jose san-francisco oakland ]

Query matched 8 clusters

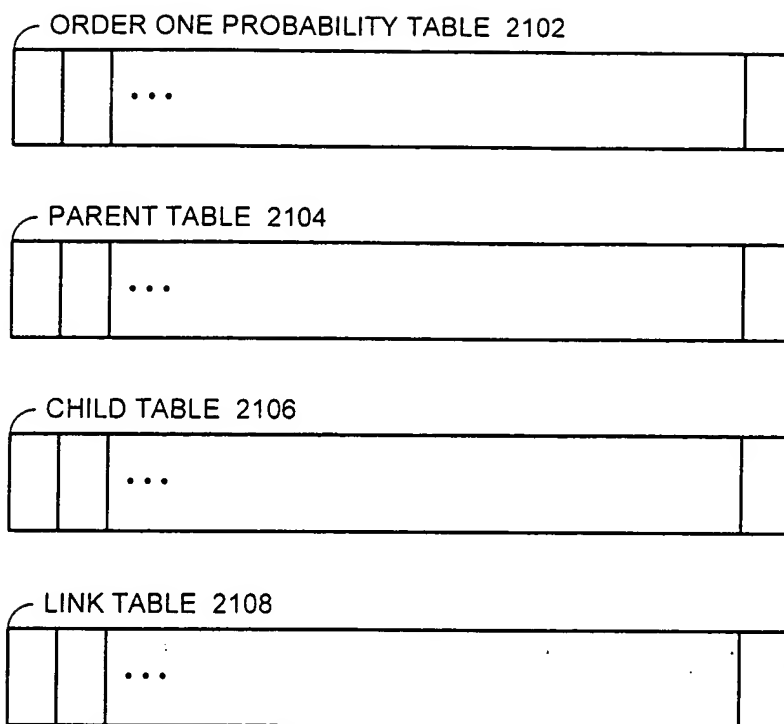
Considered 6 clusters in 0.000313 seconds. Iterations: 9

Detailed Iteration Graphs

gif: 0 1 2 3 ALL

ps: 0 1 2 3 ALL

FIG. 20



**FIG. 21**

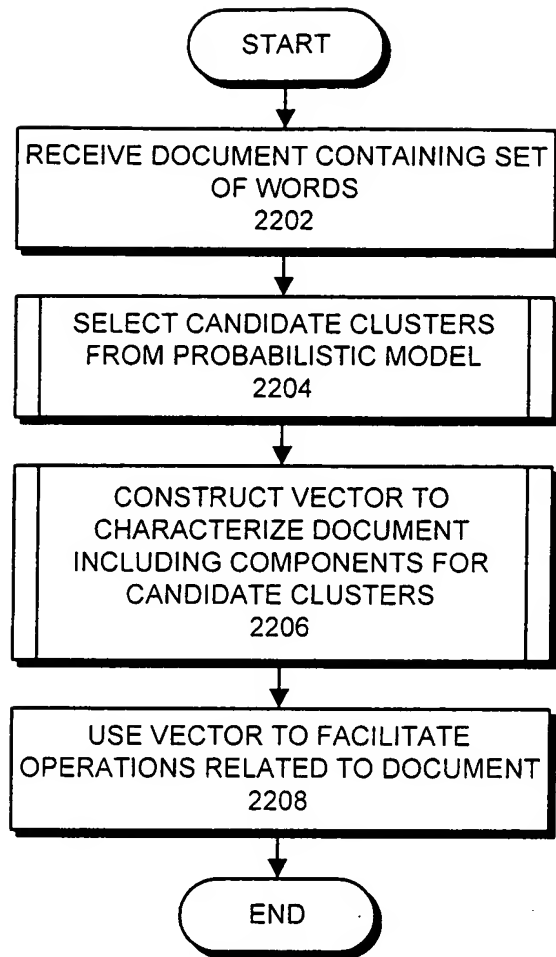


FIG. 22

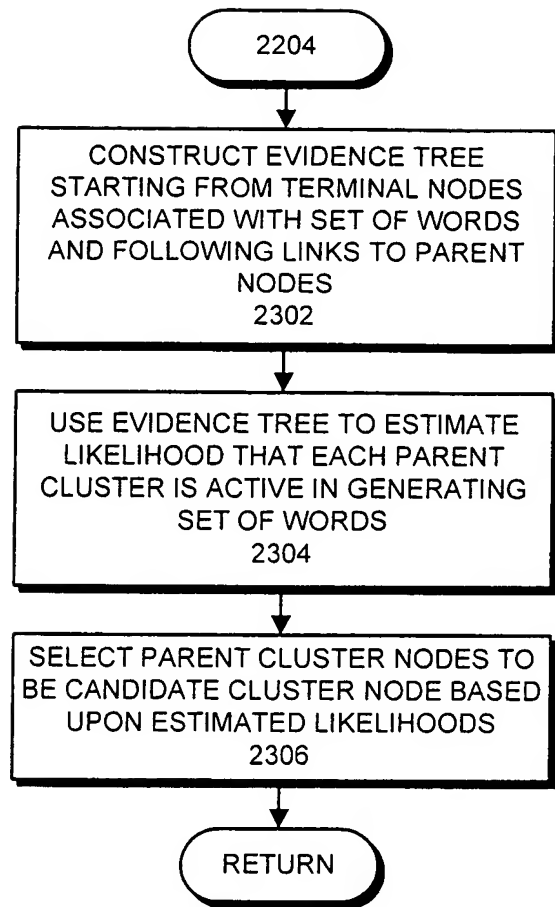
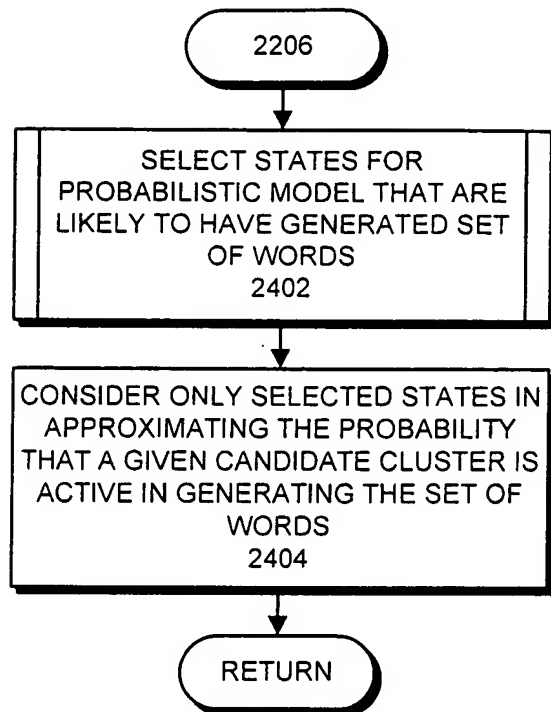
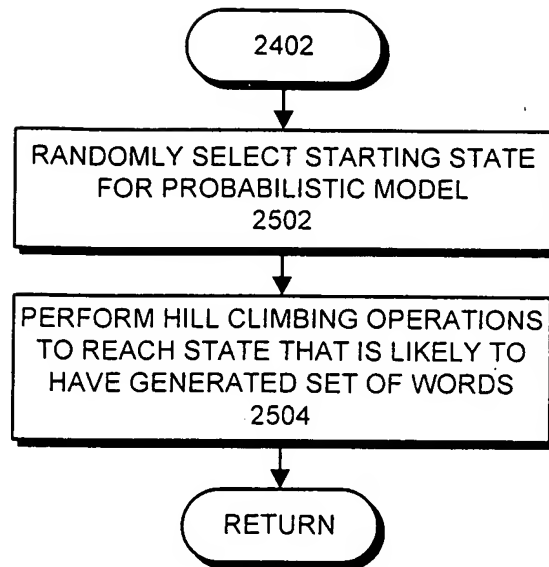


FIG. 23

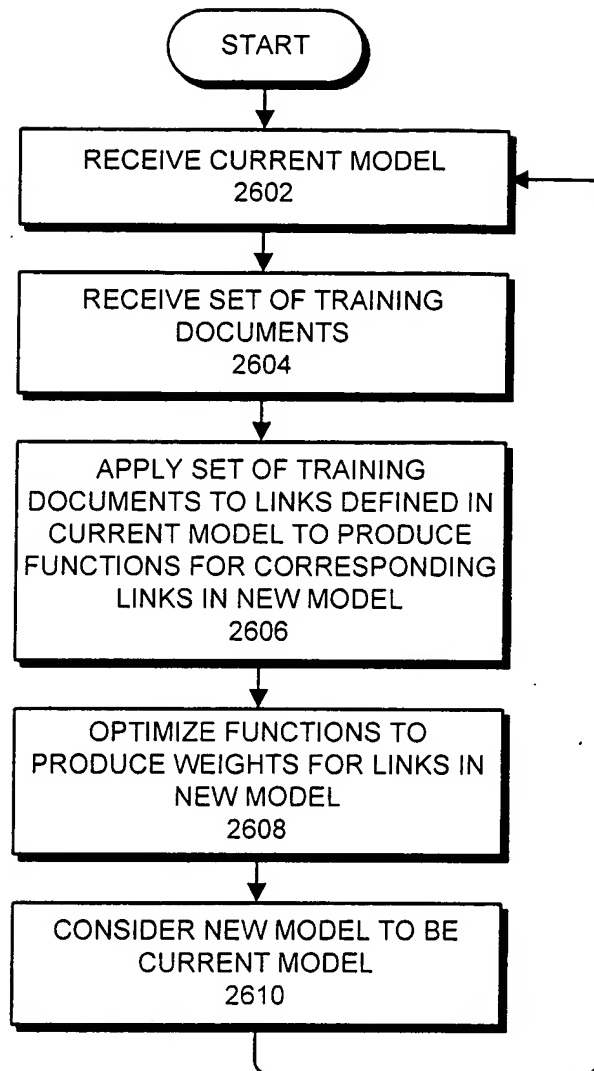


**FIG. 24**



**FIG. 25**





**FIG. 26**